ShineLong®

LUMINAIRE Galarneau

SPECIFICATION

IP65 Tri-Proof LED Light

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SPECIFICATION

Ip65 Tri-Proof LED Light

Caution

- Please read the user manual before installation.
- Please install, connect and test the lamp according to local regulations, Lamps should always be installed or replaced with care by professional person.
- Ensure the power is switched off before installation.
- Please check whether the lamps are broken or not during shipping, broken items cannot be used anymore.
- Please keep the lamps and accessories away from kids to avoid hurt by mistakes.
- For protecting eyes, please do not watch the luminous surface for a long time,
- Do not cover anything on lamp and keep lamps away from fire or high temperature objects.
- Incorrect installation and using, ShineLong keep the right to refuse after-sales service for those disassembled or repaired items.
- Switch the power off and cool down the lamp before cleaning.
- The lamp is only suitable for weak acid and weak base environment.
- Please DO NOT install this product in the following places:
  1. The place has a large quantity of lampblack and smoke, such as: kitchen and food processing factory etc.
  2. The place has a large quantity of chemical corrosive substance, such as: chemical plant and stockyard etc.
  3. The place has poor temperature conditions, large-scale temperature variation, which would easily lead to broken and damage the product, the applicable operating temperature is between -20 and 50 degrees.

S/N Rules

SL	−	A65	X	X	−	XX	−	X	X
1		2	3	4		5		6	7

EX: SL-A65F2-20-PB (1 2 34 5 67)

1: SL−ShineLong

2: A65: A-Aluminum Version; 65-IP65

3: X-Cover Type (S: Striped cover, F: Frosted cover)

4: X-Length, (2: 2ft 60cm, 4: 4ft 120cm, 5: 5ft 150cm)

5: XX-Power consumption (20: 20w, 30: 30w, 40: 40w, 50: 50w, 60: 60w)

6: X-Color Temperature (W: warm white, P: Pure white, C: cold white)

7: X-Function Type (B: Battery, Emergency function, S: Sensor, microwave or PIR sensor, D: 0/1-10V dimmable, T: Triac dimmable L: DALI dimmable)

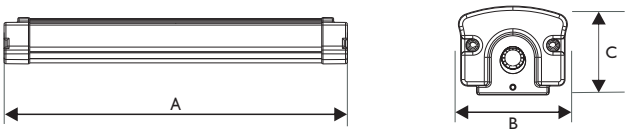
Features

- Unique patent design, TUV-GS, UL, DLC, ERP, CE certified.
- Water-proof, Dust-proof, Damp-proof, Pressure-proof.
- High luminous efficiency 100 - 115LM/W.
- Maximum 3M Long for single product.
- Excellent heat dissipation support stable quality.
- Convention installation for linking in series.
- Low light decay, L70=50,000 Hours.
- High impact test, IK09.
- Long lifespan 50,000 hours.
- Energy saving up to 80%.
- 5 years warranty.

Application

- Parking place
- Tunnel / Corridor / Gallery
- Railway / Bus / MTR Station
- Warehouse / Factory
- Airport
- Exhibition Hall
- Supermarket
- Gas station

Dimension



length	A	B		C
	Min.mm	Min.mm	Max.mm	Min.mm
600	600	91	92	74
1200	1200	91	92	74
1500	1500	91	92	74

Temperature Characteristics T-ambient 40°C

Temperature

Operating: -20 ~ +50°C

Storage: -40 ~ +85°C

IP65 IK09 5 Years

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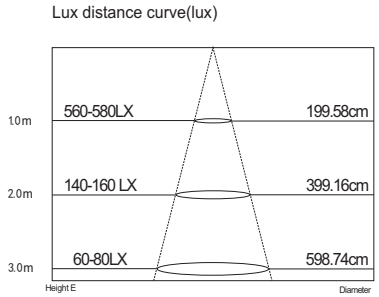
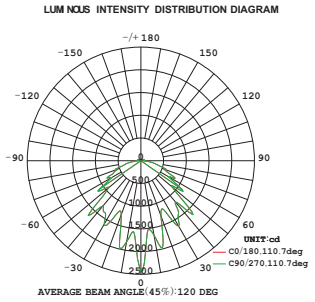
Data Sheet

Item code	Input Voltage	Power	LEDs	Working	PF	Luminous Flux	Luminous Efficiency	CRI	THD	Power Efficiency
SL-A65F2-20-X	100-240V/277V	20W	120	DC34-40V	>0. 95	1900-2100LM	90-100LM/W	>80	<15%	>0.88
SL-A65S2-20-X	100-240V/277V	20W	120	DC34-40V	>0. 95	2100-2400LM	100-115LM/W	>80	<15%	>0.88
SL-A65F2-25-X	100-240V/277V	25W	144	DC34-40V	>0. 95	2300-2600LM	90-100LM/W	>80	<15%	>0.88
SL-A65S2-25-X	100-240V/277V	25W	144	DC34-40V	>0. 95	2600-2900LM	100-115LM/W	>80	<15%	>0.88
SL-A65F2-30-X	100-240V/277V	30W	180	DC34-40V	>0. 95	2800-3100LM	90-100LM/W	>80	<15%	>0.88
SL-A65S2-30-X	100-240V/277V	30W	180	DC34-40V	>0. 95	3200-3500LM	100-115LM/W	>80	<15%	>0.88
SL-A65F4-40-X	100-240V/277V	40W	240	DC34-40V	>0. 95	3600-4000LM	90-100LM/W	>80	<15%	>0.88
SL-A65S4-40-X	100-240V/277V	40W	240	DC34-40V	>0. 95	4000-4400LM	100-110LM/W	>80	<15%	>0.88
SL-A65F4-50-X	100-240V/277V	50W	288	DC34-40V	>0. 95	4500-5000LM	90-100LM/W	>80	<15%	>0.88
SL-A65S4-50-X	100-240V/277V	50W	288	DC34-40V	>0. 95	5000-5500LM	100-110LM/W	>80	<15%	>0.88
SL-A65F5-50-X	100-240V/277V	50W	288	DC34-40V	>0. 95	4500-5000LM	90-100LM/W	>80	<15%	>0.88
SL-A65S5-50-X	100-240V/277V	50W	288	DC34-40V	>0. 95	5000-5500LM	100-110LM/W	>80	<15%	>0.88
SL-A65F5-60-X	100-240V/277V	60W	336	DC34-40V	>0. 95	5400-5900LM	90-100LM/W	>80	<15%	>0.88
SL-A65S5-60-X	100-240V/277V	60W	336	DC34-40V	>0. 95	5900-6400LM	100-110LM/W	>80	<15%	>0.88

Optical Parameter



Item code	1m	2m	3m
SL-A65F2-20-X	560-580	140-160	60-80
SL-A65S2-20-X	740-760	180-200	80-100
SL-A65F2-25-X	720-740	180-200	80-100
SL-A65S2-25-X	870-880	220-240	100-120
SL-A65F2-30-X	860-880	215-235	85-115
SL-A65S2-30-X	1150-1170	290-310	130-150
SL-A65F4-40-X	1150-1170	290-310	130-150
SL-A65S4-40-X	1600-1620	390-410	180-200
SL-A65F4-50-X	1440-1460	360-380	160-180
SL-A65S4-50-X	1800-1820	450-470	200-220
SL-A65F5-50-X	1470-1480	370-380	165-185
SL-A65S5-50-X	1920-1940	480-500	220-240
SL-A65F5-60-X	1700-1720	425-445	190-210
SL-A65S5-60-X	2120-2130	530-550	240-260



Item code	Beam Angle
SL-A65F2-20-X	120
SL-A65S2-20-X	120
SL-A65F2-25-X	120
SL-A65S2-25-X	120
SL-A65F2-30-X	120
SL-A65S2-30-X	120
SL-A65F4-40-X	120
SL-A65S4-40-X	120
SL-A65F4-50-X	120
SL-A65S4-50-X	120
SL-A65F5-50-X	120
SL-A65S5-50-X	120
SL-A65F5-60-X	120
SL-A65S5-60-X	120

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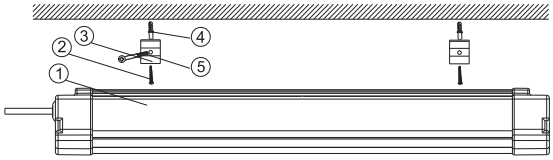
Ceiling Mounted Installation



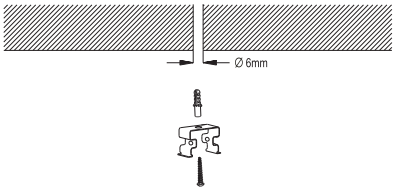
Standard parts list

1	LED Tri-proof Light	1PC
2	U-shape Brackets	2PCS
3	Self-tapping screws	2PCS
4	Slotted plastic screws	2PCS
5	PM4X40 screws	2PCS

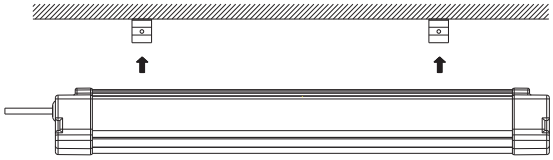
* Ceiling Mounted accessories are ShineLong Configutation.

① Drill Φ6mm holes on the roof/wall.

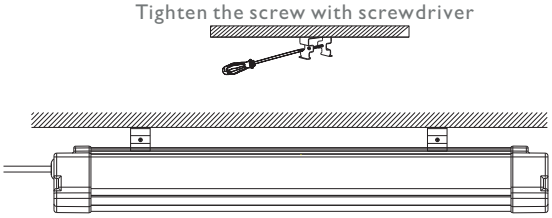
② Insert Φ6mm expansion pipe into the hole and fix the bracket by M4 screw.



③ Ceiling Installation

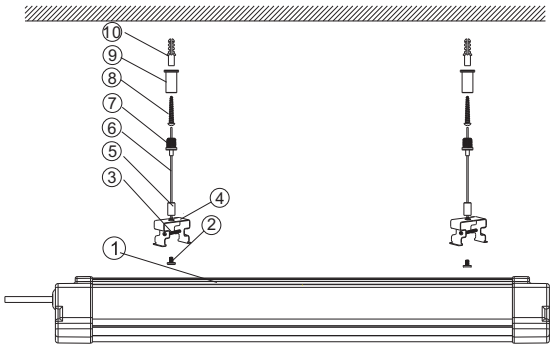


Tighten the screw with screwdriver



Suspended Installation

① Suspended way.

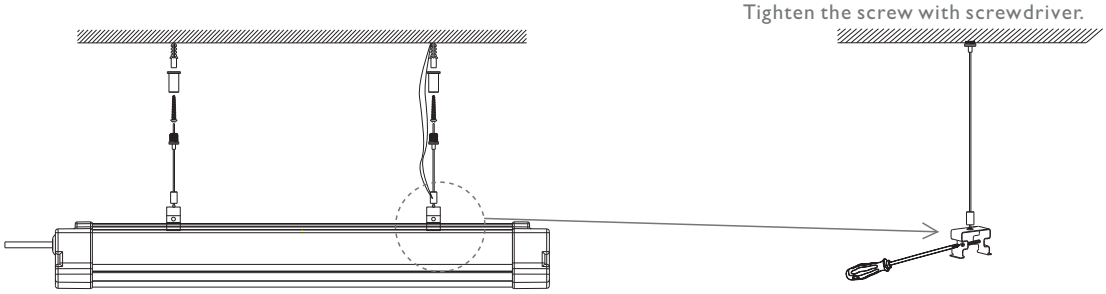


Spare Parts

1	LED Tri-proof Light	1PC
2	Ring washer	2PCS
3	Suspension fixing screws	2PCS
4	U-shape brackets	2PCS
5	Suspension fixing nuts	2PCS
6	Suspension wires	2PCS
7	Suspension fixing bushings	2PCS
8	Self-tapping screws	2PCS
9	light fixing bushing cap	2PCS
10	Slotted plastic screws	2PCS

* Suspended accessories need to be paid additionally.

② Hanging Installation.



Tighten the screw with screwdriver.

Conventional UL/VDE standard wire for 18 AWG / 3 x0. 75MM^2

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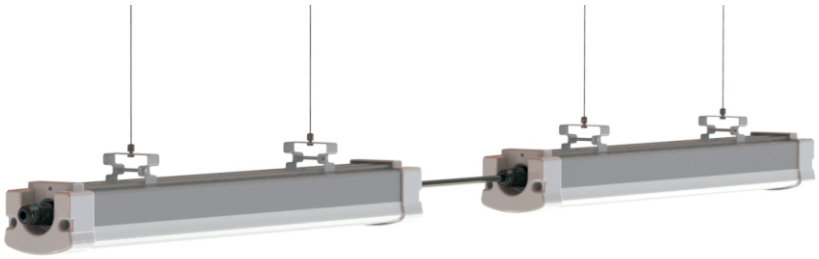
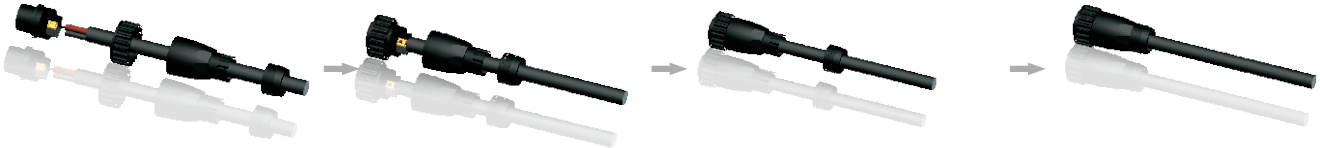
Series Connection



Available to be connected in series by fast connectors.

Optional Connector A:



1: Insert the wire into the terminal then use screw locking it.

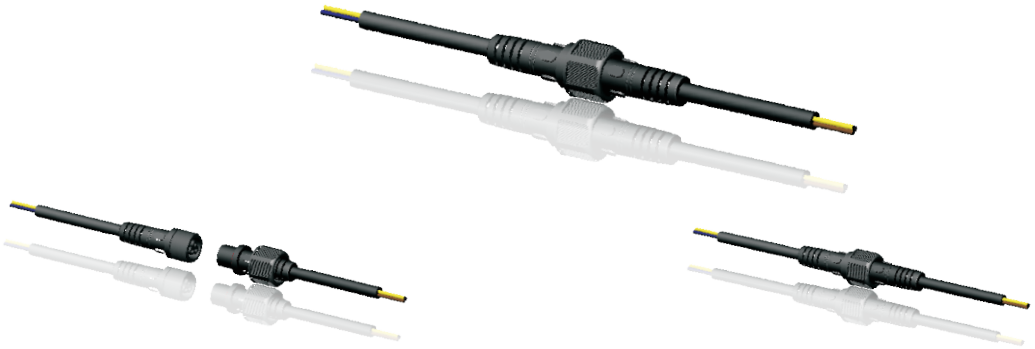
2: Put the protector on the terminal.

3: Put on waterproof set.

4: Lock the waterproof sets tightly.

PLS NOTE: Above connectors and wire are separated, easy for connecting the lamps by customized length of wire, NEED to be paid additionally.

Optional Connector B:



1. Joint Female and Male connector together.

2. Lock the waterproof cap tightly.

PLS NOTE: Above connectors and wire are fixed, need to confirm the detailed length correctly, and pay it additionally.

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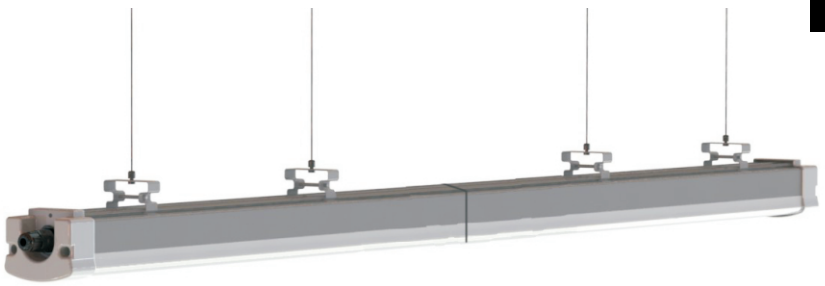
Seamless Connection

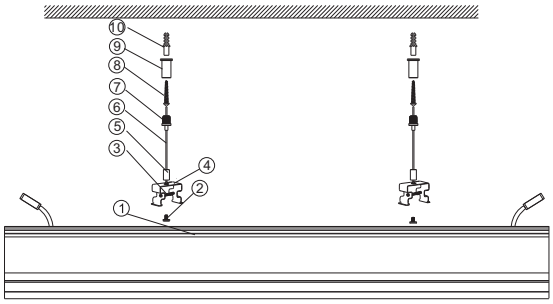


Available to be connected in series by smart aluminum strip.

Seamless Connection Installation

① Hanging up the light(without end cap) with suspended accessories.

Suspended way

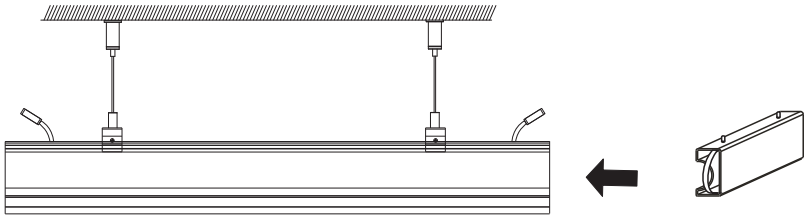


Spare Parts

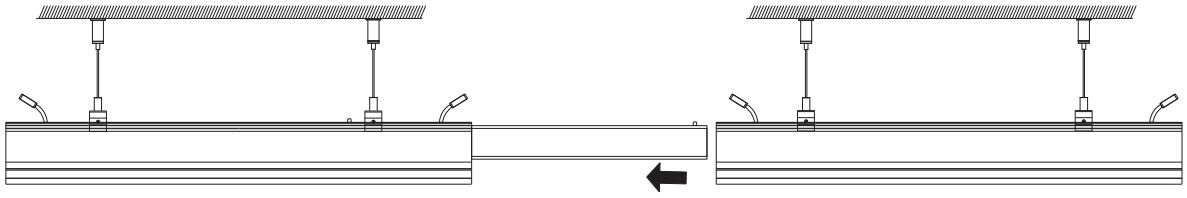
1	LED Tri-proof Light	1PC
2	Ring washer	2PCS
3	Suspension fixing screws	2PCS
4	U-shape brackets	2PCS
5	Suspension fixing nuts	2PCS
6	Suspension wires	2PCS
7	Suspension fixing bushings	2PCS
8	Self-tapping screws	2PCS
9	light fixing bushing cap	2PCS
10	Slotted plastic screws	2PCS

* Suspended accessories need to be paid additionally.

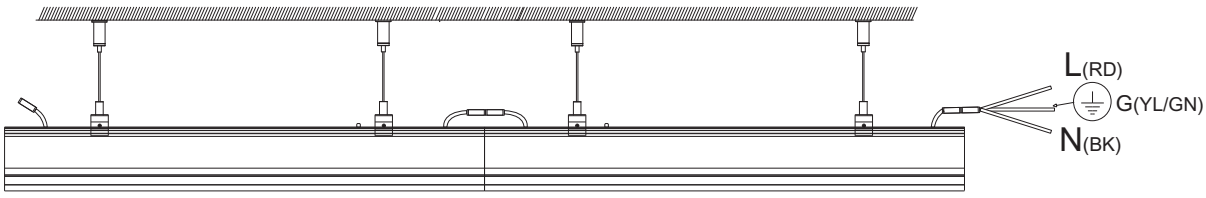
② Insert the smart aluminum strip into the light aluminum housing till the ball buckle is locked.



③ Fix another light(without end cap) onto the other end of smart aluminum strip till the ball buckle is locked.



④ Connect the wires correctly.



PLS NOTE: The tri-proof light is NOT water-proof under Seamless Connection Installation.

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The maximum number of lamps for Linking in series

Item code	Size	Power	voltage	Max. Series Connection Q'TY	voltage	Max. Series Connection Q'TY
SL-A65X2-20-X	600*91*74	20W	110V	27pcs	220V	54pcs
SL-A65X2-25-X	600*91*74	20W	110V	22pcs	220V	48pcs
SL-A65X2-30-X	600*91*74	30W	110V	18pcs	220V	36pcs
SL-A65X4-40-X	1200*91*74	40W	110V	13pcs	220V	27pcs
SL-A65X4-50-X	1200*91*74	50W	110V	10pcs	220V	21pcs
SL-A65X5-50-X	1500*91*74	50W	110V	10pcs	220V	21pcs
SL-A65X5-60-X	1500*91*74	60W	110V	9pcs	220V	18pcs

Wiring Diagram

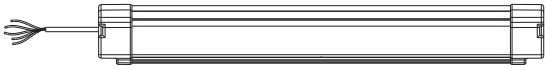
Non Dimmable Tri-proof LED Lamp

	(EU market-3 pole cable)	(US market-3 pole cable)
L:	Brown	Black
N:	Blue	White
E:	Yellow-Green	Green

TRIAC Dimmable Tri-proof LED Lamp

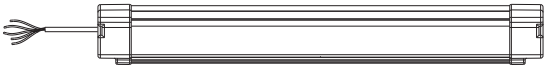
	(EU market-3 pole cable)	(US market-3 pole cable)
L:	Brown	Black
N:	Blue	White
E:	Yellow-Green	Green

0/1-10V Dimmable Tri-proof LED Lamp



	(EU market-5 pole cable)	(US market-5 pole cable)
L:	Brown	Black
N:	Blue	White
E:	Yellow	Green
DIM+:	Red	Red
DIM-:	Green	Orange

DALI Dimmable Tri-proof LED Lamp



	(EU market-5 pole cable)	(US market-5 pole cable)
L:	Brown	Black
N:	Blue	White
E:	Yellow	Green
DA:	Red	Red
DA:	Green	Orange

Available Dimming way

Suggested suitable dimmer brands for TRIAC & DALI dimming way:
Tridonic （European market）
Lutron & Leviton （American market）
Philips Dynalite & Clipsal （Australian market）

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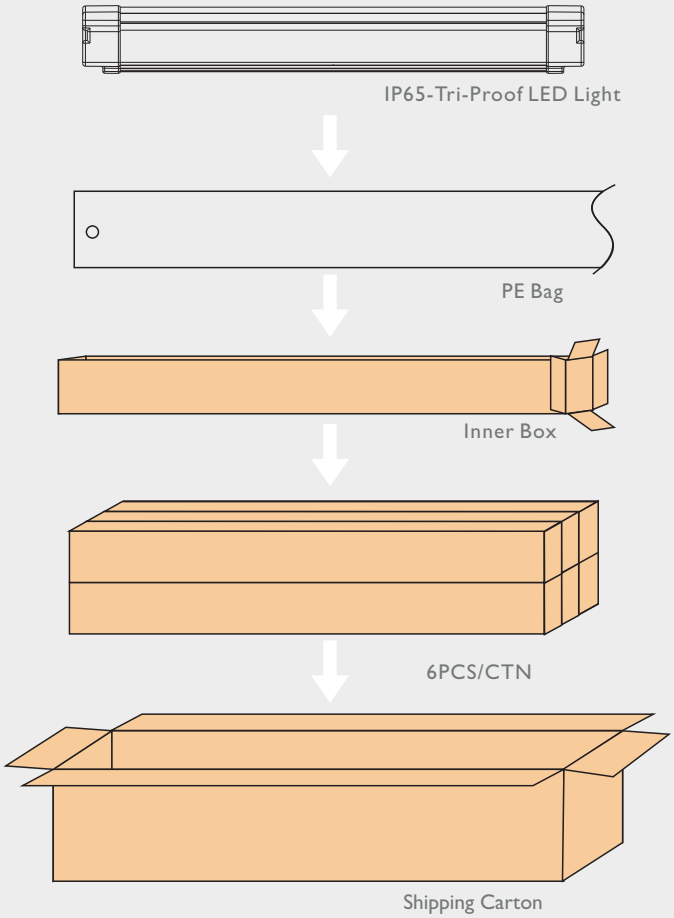
Package

Ip65 Tri-proof LED Light



Item code	Dimension	Carton Size	N.W. (kg) /PC	G. W. (kg) /CTN
SL-A65X2-20-X	600*91*74mm	680*260*300mm	1.2	9.2
SL-A65X2-25-X	600*91*74mm	680*260*300mm	1.2	9.2
SL-A65X2-30-X	600*91*74mm	680*260*300mm	1.2	9.2
SL-A65X4-40-X	1200*91*74mm	1280*260*300mm	2	16
SL-A65X4-50-X	1200*91*74mm	1280*260*300mm	2	16
SL-A65X5-50-X	1500*91*74mm	1580*260*300mm	2.6	20
SL-A65X5-60-X	1500*91*74mm	1580*260*300mm	2.6	20

ATTENTION:

ShineLong reserves the right of final interpretation for all specifications.

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